

# CP-S318 & CP-X328

## Technical Specifications

OPTICAL	CP-X328	CP-S318
Optical Structure	3 LCD panels, one projection lens, RGB shutter method	3 LCD panels, one projection lens, RGB shutter method
LCD Panel	0.7" P-Si TFT x 3	0.7" P-Si TFT x 3
Resolution	1024 dots x 768 lines	800 dots x 600 lines
Lens	F1.7-1.9, Manual Zoom x 1.2	F1.7-1.9, Manual Zoom x 1.2
Lamp	UHB150W	UHB150W
Lamp Life	4000hrs (Whisper Mode)	4000hrs (Whisper Mode)
Brightness	2000hrs (High Brightness Mode) 2000 ANSI Lumens typ. (High Brightness Mode) 1600 ANSI Lumens typ. (Whisper Mode)	2000hrs (High Brightness Mode) 2000 ANSI Lumens typ. (High Brightness Mode) 1600 ANSI Lumens typ. (Whisper Mode)
Contrast Ratio	350:1 typ.	400:1 typ.
Focus Distance	0.9-11.0m	0.9-11.0m
Display Size	30-300 inches	30-300 inches
Colour	8bit/colour, 16.7M colours	8bit/colour, 16.7M colours

COMPATIBILITY	CP-X328	CP-S318
Composite Video	NTSC/NTSC4.43/PAL/PAL60 SECAM/M-PAL/N-PAL	NTSC/NTSC4.43/PAL/PAL60 SECAM/M-PAL/N-PAL
Component Video	HDTV: 750p (720p) 1125i (1080i/1035i), SDTV: 525i (480i), 525p (480p), 625i (575i)	HDTV: 750p (720p) 1125i (1080i/1035i), SDTV: 525i (480i), 525p (480p), 625i (575i)
Computer	VGA, SVGA, XGA, SXGA, UXGA MAC 13", MAC 16"	VGA, SVGA, XGA, SXGA, UXGA MAC 13", MAC 16"
Plug & Play	DDC1/2B	DDC1/2B
Frequency Range	flt:15-91 kHz / fv:50-120Hz	flt:15-91 kHz / fv:50-120Hz

FEATURES	CP-X328	CP-S318
Keystone Correction	20:1 Upward Shift, Fixed	20:1 Upward Shift, Fixed
Image Control	Digital H&V Keystone	Digital H&V Keystone
Speakers	1.0 W x 1	1.0 W x 1
Other	MENU : 11 Language (English, German, French, Italian, Spanish, Dutch, Norwegian, Portuguese, Simplified Chinese, Korean), Freeze Function, Magnifying, Digital Gamma Correction, MyScreen	MENU : 11 Language (English, German, French, Italian, Spanish, Dutch, Norwegian, Portuguese, Simplified Chinese, Korean), Freeze Function, Magnifying, Digital Gamma Correction, MyScreen

CONNECTORS	CP-X328	CP-S318
Computer Input	D-sub 15-pin shrink terminal x 1	D-sub 15-pin shrink terminal x 1
Video Input	S-Video: Mini DIN 4-pin terminal x 1 Composite video: RCA jack terminal x 1 Component video: RCA jack terminal x 3 Audio: RCA jack terminal x 2 (L/R)	S-Video: Mini DIN 4-pin terminal x 1 Composite video: RCA jack terminal x 1 Component video: RCA jack terminal x 3 Audio: RCA jack terminal x 2 (L/R)
RGB Input	Analogue RGB: D-sub 15-pin shrink terminal x 2	Analogue RGB: D-sub 15-pin shrink terminal x 2
RGB Output	Analogue RGB: D-sub 15-pin shrink terminal x 1	Analogue RGB: D-sub 15-pin shrink terminal x 1

POWER	CP-X328	CP-S318
Power Supply	100-120V/220-240V	100-120V/220-240V
Power Consumption	240W	240W

PHYSICAL	CP-X328	CP-S318
Dimensions	295 x 76 x 231mm (W x H x D) (excluding feet and extrusions)	295 x 76 x 231mm (W x H x D) (excluding feet and extrusions)
Weight	2.7Kg	2.7Kg
Noise Level	33dB	33dB
Approvals	UL60950/C-UL, ClassB, EN60950 (TUV), CE, AS/NZS3548 ClassB	UL60950/C-UL, ClassB, EN60950 (TUV), CE, AS/NZS3548 ClassB

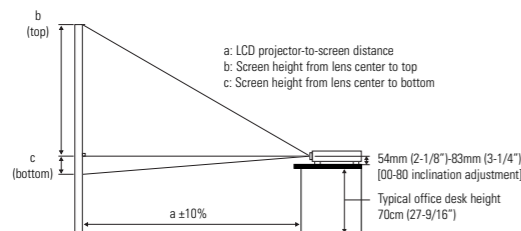
SUPPLIED WITH	CP-X328	CP-S318
	Remote Control, Power Cord, RGB Cable, Video Cable (for video/audio), Soft Case, 8-language operator's manual	Remote Control, Power Cord, RGB Cable, Video Cable (for video/audio), Soft Case, 8-language operator's manual

OPTIONS	CP-X328	CP-S318
	Aluminium Flight Case (FLC200) Wheeled Aluminium Flight Case (FLC300) - accommodates projector and note book computer	Aluminium Flight Case (FLC200) Wheeled Aluminium Flight Case (FLC300) - accommodates projector and note book computer

CERTIFICATIONS	CP-X328	CP-S318
	UL60950/C-UL, FCC Part 15, Class B, CE, TUV EN60950	UL60950/C-UL, FCC Part 15, Class B, CE, TUV EN60950

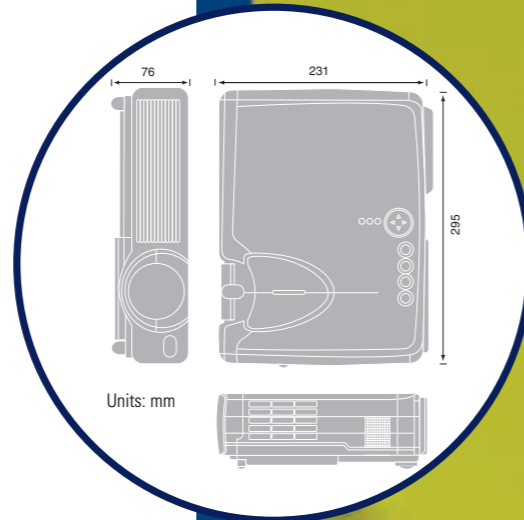
\* Design and specifications are subject to change without notice. \* The comparison photos in this catalogue are simulations.

Screen Size (inch)	a Min	a Max	b (top)	c (bottom)
30	0.9m (35")	1.1m (42")	44cm (17")	2cm (1")
40	1.2m (47")	1.4m (56")	58cm (23")	3cm (1")
60	1.8m (71")	2.2m (85")	87cm (34")	4cm (2")
80	2.4m (95")	2.9m (114")	116cm (46")	6cm (2")
100	3.0m (119")	3.6m (143")	145cm (57")	7cm (3")
120	3.6m (143")	4.4m (172")	174cm (69")	9cm (3")
150	4.6m (180")	5.5m (216")	218cm (86")	11cm (4")
200	6.1m (240")	7.3m (288")	290cm (114")	15cm (6")
300	9.2m (360")	11.0m (433")	435cm (171")	22cm (9")



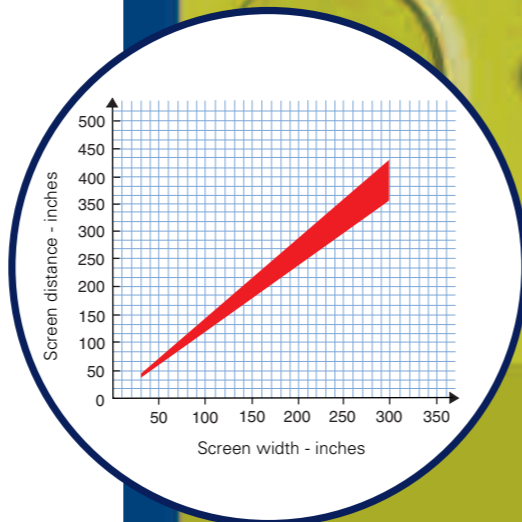
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Units: mm

Projector Dimensions



CP-S318

CP-X328



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CP-S318 SVGA  
2000 ANSI Lumens



CP-X328 XGA  
2000 ANSI Lumens

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The specification above and photography is for reference only and may be subject to change.

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# 2000 ANSI LUMENS

## CP-S318 & CP-X328 Features

- 2000 ANSI Lumens for CP-S318 and 2000 ANSI Lumens for CP-X328
- Full Connectivity
- Horizontal and Vertical Keystone Adjustment
- My Screen Option
- Wide Angle Lens for Bigger Screen
- Normal Mode 39dB, Whisper Mode 33dB
- Longer Lamp Life (Up to 4000 Hours)
- Pin Code Security System

With an output of 2000 ANSI LUMENS, images displayed on these projectors are vivid and bright making either of these models an ideal multi purpose projector for installation in medium to large venues, but at only 2.7Kg they are still light enough to be portable. Delivering superb computer images and unmatched video quality, performance is impressive with a wide range of features.

Advanced features enhance presentation quality and make initial set up even easier. For example Keystone correction can be made in both vertical and horizontal directions, while the new 'My Screen' feature allows an image to be displayed at a switch before the presentation begins. With full connectivity the CP-X328 and CP-S318 models feature 2 RGB inputs so you can connect 2 PCs at any one time and easily switchover 3 video inputs. Other features include the Remote Mouse Function - a convenient feature that allows you to operate a mouse by using the projectors own remote control.

### Advanced User Features

The CP-S318 and CP-X328 models boast a variety of features which make it easy to use and deliver highly professional presentations.

#### My Screen function

The new My Screen feature allows the user to store an image such as a company logo or a product picture in the projector's non-volatile memory. This image is then displayed immediately when the projector is switched on, even before any input sources are connected, giving a more professional start to a presentation.

#### Horizontal and Vertical Keystone Correction

Setting up is both easier and more flexible thanks to integrated horizontal and vertical keystone correction, accessed directly via a single button on the unit's control panel. This feature means that the projector can be set off to the right or left of the screen and correction can be applied to remove any image distortion.

#### Wide Angle Lens

The Wide Angle Lens allows you to display images about twice as big as an ordinary projector giving a bigger screen size in a restricted space, for example a 60" screen can be displayed at a projection distance of only 1.8m (6ft).

### Multiple Inputs

The CP-S318 and CP-X328 offer virtually every input connection required to accommodate today's media sources including S-Video, component video formats and both projectors, which come with stereo audio. On the computer side there are two RGB inputs so you can connect 2 PCs at one time and easily switch over 3 video inputs.



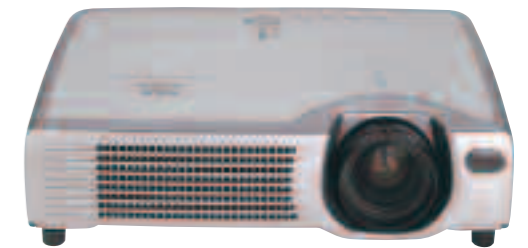
'Excellent Connectivity to PC's and computer screen'.



Reduced excessive image noise



CP-S318 SVGA



CP-X328 XGA

### Pin Code Security Function

Offering you peace of mind and reassurance, the pin code security feature protects the projector from unauthorised usage. By simply allowing you to enter a personal code, this anti-theft device will act as a deterrent and allow for better product care, particularly in schools and other educational institutions.

### Longer Lamp Life

Through the development of new circuitry and improved airflow, the CP-S318 and CP-X328 now offer a lamp life of up to 4000 hours, resulting in lower operational and maintenance costs.

### Enhanced Video Quality



**Black Level Enhancement:** In most video images the darkest areas of the picture are not fully black. By forcing these areas to be black the perceived quality of the projected image can often be improved. Normally, black enhancement is a linear adjustment which proportionately darkens all areas of the picture causing an unwelcome reduction in midrange brightness. Hitachi's advanced black enhancement method avoids this by applying a measured adjustment to the darker areas while leaving the brighter areas unaffected.

### Remote Mouse Function

This simple but convenient function allows you to operate and control the PC mouse via the projectors own remote control. No need to search and use two remote controls.

### Image Noise Reduction

**Image Noise Reduction:** The CP-S318 and CP-X328 also uses digital image processing to reduce excessive image noise. By continually comparing the value of each pixel over successive fields, any abrupt or isolated change can be identified and suppressed resulting in a cleaner sharper image.